



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/776,724  
Source: OLPE  
Date Processed by STIC: 2/28/2001

### **THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin2help@uspto.gov](mailto:patin2help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIFE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/776,724

DATE: 02/28/2001  
TIME: 15:50:50

Input Set : A:\P2011\_SeqList.txt  
Output Set : N:\CRF3\02282001\1776724.raw

2 <110> APPLICANT: Rosen et al.  
4 <120> TITLE OF INVENTION: 64 Human Secreted Proteins  
6 <130> FILE REFERENCE: PZ011  
C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/776,724  
9 <141> CURRENT FILING DATE: 2001-02-06  
11 <150> PRIOR APPLICATION NUMBER: 60/180,909  
12 <151> PRIOR FILING DATE: 2000-02-08  
14 <150> PRIOR APPLICATION NUMBER: 09/669,688  
15 <151> PRIOR FILING DATE: 2000-09-26  
17 <150> PRIOR APPLICATION NUMBER: 09/229,982  
18 <151> PRIOR FILING DATE: 1999-01-14  
20 <150> PRIOR APPLICATION NUMBER: 1998-07-15  
W--> 21 <151> PRIOR FILING DATE: PCT/US98/14613  
23 <150> PRIOR APPLICATION NUMBER: 1997-07-16  
W--> 24 <151> PRIOR FILING DATE: 60/052,661  
W--> 26 <150> PRIOR APPLICATION NO: 1997-07-16  
W--> 27 <151> PRIOR FILING DATE: 60/052,872  
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W--> 30 <151> PRIOR FILING DATE: 60/052,871  
W--> 32 <150> PRIOR APPLICATION NO: 1997-07-16  
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W--> 36 <151> PRIOR FILING DATE: 60/052,873  
W--> 38 <150> PRIOR APPLICATION NO: 1997-07-16  
W--> 39 <151> PRIOR FILING DATE: 60/052,870  
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W--> 42 <151> PRIOR FILING DATE: 60/052,875  
44 <150> PRIOR APPLICATION NUMBER: 1997-07-22  
W--> 45 <151> PRIOR FILING DATE: 60/053,440  
W--> 47 <150> PRIOR APPLICATION NO: 1997-07-22  
W--> 48 <151> PRIOR FILING DATE: 60/053,441  
W--> 50 <150> PRIOR APPLICATION NO: 1997-07-22  
W--> 51 <151> PRIOR FILING DATE: 60/053,442  
53 <150> PRIOR APPLICATION NUMBER: 1997-08-18  
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W--> 56 <150> PRIOR APPLICATION NO: 1997-08-18  
W--> 57 <151> PRIOR FILING DATE: 60/055,725  
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W--> 66 <151> PRIOR FILING DATE: 60/055,989  
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W--> 69 <151> PRIOR FILING DATE: 60/056,361  
W--> 71 <150> PRIOR APPLICATION NO: 1997-08-18  
W--> 72 <151> PRIOR FILING DATE: 60/055,726

Does Not Comply  
Corrected Diskette Needed

pp 1-2,5

<1507 is Application No:  
<1517 is Application filing date:

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/776,724

DATE: 02/28/2001  
TIME: 15:50:50

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Output Set : N:\CRF3\02282001\I776724.raw

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W--> 75 <151> PRIOR FILING DATE: 60/055,724  
W--> 77 <150> PRIOR APPLICATION NO: 1997-08-18  
W--> 78 <151> PRIOR FILING DATE: 60/055,946  
W--> 80 <150> PRIOR APPLICATION NO: 1997-08-18  
W--> 81 <151> PRIOR FILING DATE: 60/055,683  
83 <160> NUMBER OF SEQ ID NOS: 294  
85 <170> SOFTWARE: PatentIn Ver. 2.0  
88 <210> SEQ ID NO: 1  
89 <211> LENGTH: 733  
90 <212> TYPE: DNA  
91 <213> ORGANISM: Homo sapiens  
93 <400> SEQUENCE: 1  
94 gggatccgga gcccaaatct tctgacaaaa ctccacatgt cccacgtg cccagcacctg 60  
95 aattcgaggg tgcacgttca gtcttctctt tcccccaaaa acccaaggac accctcatga 120  
96 tctcccgagc tctctgagtc acatgctgtg tgggtggacgt aagccacgaa gacctgagg 180  
97 tcaagttcaa ctggtacgtg gacggcgctg aggtgcatat tgccaagaca aagccgcggg 240  
98 agggagcagta caacagcacg tacgtgtggt tcagcgtcct caccgtctg caccaggact 300  
99 ggctgaatgg caaggagtag aagtgcgaagg tctccacaaa agcctctcca acccccatcg 360  
100 agaaaacat ctccaaagcc aaaggggcagc cccgagaacc acaggtgtac accctgcccc 420  
101 catcccgagg tgagctgacc aagaaccagg tcaagctgac ctgcttggtc aaaggcttct 480  
102 atccaaagcga catgcccgtg gagtggggaga gcaatgggga gccggagaac aactacaaga 540  
103 ccacgacctcc cgtgctggac tccgacggct ccttcttctc ctacagcaag ctaccgtgtg 600  
104 acaagagcag gtggcagcag gggaaacgtc tctcatgctc cgtgatgcat gaggtcttgc 660  
105 acaaccacta cagcgagaag agcctctccc tgtctccggg taaatgagt cagcggccgc 720  
106 gactctagag gat  
109 <210> SEQ ID NO: 2  
110 <211> LENGTH: 5  
111 <212> TYPE: PRT  
112 <213> ORGANISM: Homo sapiens  
114 <220> FEATURE:  
115 <221> NAME/KEY: Site  
116 <222> LOCATION: (3)  
117 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids  
119 <400> SEQUENCE: 2  
OK 120 Trp Ser Xaa Trp Ser  
121 1 5  
123 <210> SEQ ID NO: 3  
124 <211> LENGTH: 86  
125 <212> TYPE: DNA  
126 <213> ORGANISM: Homo sapiens  
128 <400> SEQUENCE: 3  
129 ggcgctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 60  
130 cccgaaatat ctgcacatct aattag  
133 <210> SEQ ID NO: 4  
134 <211> LENGTH: 27  
135 <212> TYPE: DNA  
136 <213> ORGANISM: Homo sapiens  
138 <400> SEQUENCE: 4

} See page 1

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/776,724

DATE: 02/28/2001  
TIME: 15:50:50

Input Set : A:\PZ011\_SeqList.txt  
Output Set : N:\CRF3\02282001\I776724.raw

139 ggggcaagct ttgtcaaag cctagge  
142 <210> SEQ ID NO: 5  
143 <211> LENGTH: 271  
144 <212> TYPE: DNA  
145 <213> ORGANISM: Homo sapiens  
147 <400> SEQUENCE: 5  
148 ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gattttcccg 60  
149 aaatatctgc caatctcaatt agtcagcaac catagtcccg cccttaactc cgcccaatccc 120  
150 gccccctaact ccgcccagtt ccgcccaatc tccgcccatt ggtgactaa tttttttat 180  
151 ttatgcagag gccgagggcg cctcgccctc tgagctattc cagaagtagt gaggaggctt 240  
152 ttttggaggc ctaggctttt gcaaaaaagct t  
155 <210> SEQ ID NO: 6  
156 <211> LENGTH: 32  
157 <212> TYPE: DNA  
158 <213> ORGANISM: Homo sapiens  
160 <400> SEQUENCE: 6  
161 gcgctcgagg gatgacagcg atagaacccc gg 32  
164 <210> SEQ ID NO: 7  
165 <211> LENGTH: 31  
166 <212> TYPE: DNA  
167 <213> ORGANISM: Homo sapiens  
169 <400> SEQUENCE: 7  
170 gccaagcttc gcgactcccc ggcacgcct c  
173 <210> SEQ ID NO: 8  
174 <211> LENGTH: 12  
175 <212> TYPE: DNA  
176 <213> ORGANISM: Homo sapiens  
178 <400> SEQUENCE: 8  
179 ggggacttcc cc  
182 <210> SEQ ID NO: 9  
183 <211> LENGTH: 73  
184 <212> TYPE: DNA  
185 <213> ORGANISM: Homo sapiens  
187 <400> SEQUENCE: 9  
188 gcggcctcga ggggacttcc ccggggactt tcgggggact ttccggact ttccatcctg 60  
189 ccaatctcaat tag  
192 <210> SEQ ID NO: 10  
193 <211> LENGTH: 256  
194 <212> TYPE: DNA  
195 <213> ORGANISM: Homo sapiens  
197 <400> SEQUENCE: 10  
198 ctcgagggga cttttccggg gactttccgg ggactttcca tctgccatct 60  
199 caattagtca gcaaccatag tcccgccctt aactccgccc atcccgcccc taactccgcc 120  
200 cagttccgcc cacttccgcg cccatgctgt actaatctt tttatttat cagaggccga 180  
201 ggccgcctcg gctctgagc tattccagaa gtatggagga ggctttttg gaggcctagg 240  
202 cttttgcaaa aagctt  
205 <210> SEQ ID NO: 11  
206 <211> LENGTH: 558  
207 <212> TYPE: DNA

27

60

120

180

240

271

32

31

12

60

73

60

120

180

240

256

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/776,724

DATE: 02/28/2001  
TIME: 15:50:50

Input Set : A:\PZ011\_SeqList.txt  
Output Set : N:\CRF3\02282001\I776724.raw

208 <213> ORGANISM: Homo sapiens  
210 <220> FEATURE:  
211 <221> NAME/KEY: SITE  
212 <222> LOCATION: (546)  
213 <223> OTHER INFORMATION: n equals a,t,g, or c  
215 <400> SEQUENCE: 11  
216 gaattcgcca cgagctgggc tgcagttggc gattccgcgc ggtgaaagca gccagtgccc 60  
217 agggctctttt cctgagtgca cctgggacct cgcgcgcgcg atgccatggg gtctgcgcct 120  
218 gcttttctac ttgcgcgcct cctcactgct ggtgtactgg gagggtaacc tggggagcgt 180  
219 gccctttatc ttccgaacgc cgcgtcactg agacagtgcc tagaagtgtc tcttggaacct 240  
220 gtgagtttag cttaaacctg tatgcoccca gagecctcag tggagcgccc gtactttgac 300  
221 ggcagtacgt ttgatttccc ggtgataatc cgacgagttt gacagattga ggtagtggagc 360  
222 aaagttgccc gtacgttggt ggcacactga cctctgcgcg accctggcct tctctttgga 420  
223 agagatagtg tctctagggc tggtttcaat gtctcttaag actgaarggt ggarctggga 480  
224 tatagatgtg ttgtttcttt tcaaatcaaa cctgcttarg tctgctactgc aagggggggcc 540  
225 cggtanccaa ttcgcctt  
228 <210> SEQ ID NO: 12  
229 <211> LENGTH: 715  
230 <212> TYPE: DNA  
231 <213> ORGANISM: Homo sapiens  
233 <400> SEQUENCE: 12  
234 cggatttcga gtgcttttct ccttaacctcc accctccccc atgttttaac gcagccctcc 60  
235 aaaaatattt actgagtggt gactctagac cagggcctgt gctaggatac aaagatgaat 120  
236 gaggcaccac ccttatcttc gactagatata tgttttattt tattttattt ttttcccctg 180  
237 ctgcctccct tgagtagtac atgttttagt aaggggaaca gacaactaaag agtctggta 240  
238 atgtagagca aagtactgca tgagtaagta tctggggggc aagtgtcccc actaggactc 300  
239 ctgtcagatc tggaaaaggc ctgaggaatc tgatacatga cttaatgcag cgtataacttg 360  
240 cagcctggaa aactaagtaa tgacaaaata gacattcttg tcaagtgtgag ccatctctg 420  
241 agtccmaggg gagtacataa ttcaaacccg aattggctat ttggagtttt gactcttag 480  
242 cagtatacag tggagtgaaa tttaagaatc aatttaattt ctttcaagtt ttaagtaca 540  
243 taataacctgc ttactacaag agaccagatt tattattttg ttttggttaa caatcaaga 600  
244 tatatttcat caataaaggc ctccgtgaaa ttagtcaatt tatcattttg caataaagac 660  
245 atatatctga aataaaatgt tccctgaacct gaaaaaataa aaaaaaataa ctcga 715  
248 <210> SEQ ID NO: 13  
249 <211> LENGTH: 838  
250 <212> TYPE: DNA  
251 <213> ORGANISM: Homo sapiens  
253 <400> SEQUENCE: 13  
254 gaattcgcca cgagcccaaa caaaagaaac ctttgaggc atgtgtcaga acagagaaa 60  
255 tgcctctggt ttgcttatag aatcaaatat gttctcaatc taactactgt ttctattcta 120  
256 catagtgttt tctcttctta tagttttacg tctcttctct aggaatgagt ctattaaaga 180  
257 aatagtggtt atcttttagc ttggcctatt gactttcaag taatagagac tatctgctac 240  
258 tgcacagaaa gctttgacaa gtgtttaata cctcgggatt accctcaatc ctttttga 300  
259 atcattatgt gaacattgtc ttccgtccac atctayagcc tagtawtga cacctgtgac 360  
260 taatatccaa ctttaggcta gggaaaaagg gtataccttc tgggtttogg ttgtagatta 420  
261 tgyttagatc taaycaaac aggcacagtg tccaaacaga aaattgctat ttctctgata 480  
262 tgttaaatct aggatttgag tttttaagat gaatttatgg tccctttct gatataatt 540  
263 ctcaatctga gctcctaatg cctggtacct tgggtatgga gtgaggag acaatggaca 600  
264 gttttatata agaatggaa gtaatgatac tatcttctct ggaattttg cagggccagc 660

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/776,724

DATE: 02/28/2001  
TIME: 15:50:50

Input Set : A:\PZ011\_SeqList.txt  
Output Set : N:\CRF3\02282001\I776724.raw

265	aggagatgat	gagcaaggac	tgttgccctg	tattacacac	aacagggttg	tagttactat	720
266	cccgagcaag	aaagggtgta	tctttctct	ttcatgcaaa	ttatctatga	tgacctaaac	780
267	gtttgattat	agtgagtga	ctaaccacaa	caataaaaaa	aaaaaaaaaa	aactcgaa	838
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271	<211>	LENGTH: 513					
272	<212>	TYPE: DNA					
273	<213>	ORGANISM: Homo sapiens					
275	<400>	SEQUENCE: 14					
276	ctgcaggaat	tgggcacgag	ggaacaactc	catgtttttg	taaaggccct	gagacaatcat	60
277	atccagtgcc	tttccctttt	gcctttgtat	tcactatttt	ggcaaatatc	tggagaatga	120
278	cggttctggc	caaaaggctg	gttttgcttt	tggttcacat	ttttctgctt	ctctgcgtta	180
279	gaatcttggg	ttagatgatg	gacatggtga	agatctcagc	aacctcatte	actagaagat	240
280	catgttgatt	ggaatcatat	aatggggaac	aaatggaaa	gagtagcttt	gaatatgctc	300
281	tggagaccac	tgtgaccaca	gaatgtcaag	acacgtgtgt	ccattactgt	tactattttg	360
282	aaaatacatt	cttgtaaatg	caaccttagg	gggtttgagg	gggaagtctg	tgggaaatgt	420
283	aattgcaaga	aaaataattac	acccctgaata	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	480
284	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	513
287	<210>	SEQ ID NO: 15					
288	<211>	LENGTH: 712					
289	<212>	TYPE: DNA					
290	<213>	ORGANISM: Homo sapiens					
292	<220>	FEATURE:					
293	<221>	NAME/KEY: SITE					
294	<222>	LOCATION: (565)					
295	<223>	OTHER INFORMATION: n equals a,t,g, or c					
297	<400>	SEQUENCE: 15					
298	gaattcggca	cgagctggac	aggaccggag	aggaccgccg	gtaaccgcgg	aacagacact	60
299	cccgagcagc	gcgcgcggcg	cggcactgct	acgggacgag	ccggagcgct	tggccatggc	120
300	ggcccgatcc	gcaatggcgc	tgctgtgctg	gctgccagtc	ctgctcctgc	cggtgcagag	180
301	ygctccagag	cccgagacca	ccgcgcgccac	ccctacccca	atccccgggtg	gcaactcgtc	240
302	atcgagcagg	cccgcccca	gcacgagctc	ccacgcctgc	ggcccatacc	ccaaaccagg	300
303	ctcgtccatc	ctgtggcccc	gcgtggccct	gtggcccat	ctcctgtagg	ggcgcaccag	360
304	cgaccacatc	taagtgcggc	ctgggactgg	cctgccccat	tgagcaaacg	agacgcttga	420
305	caaccgcggc	ctcccatctc	ttgacttcac	ccagaaatgg	gtccagaaaa	ctgaattcca	480
306	ccagcactgg	tttgagacaa	ccggacacccg	aggtttcacc	tccagggrtt	ccatggaaaga	540
307	gcctcaatgg	agatgcacaa	tcctnactga	gttaaaagatg	ggctgaggaa	cttgggtacc	600
308	cacaagtgtg	ctctgggrat	caaaagaaaa	tatttaacct	tagtttggtt	cattaaatgc	660
309	atgaagtcaa	aatatgaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aactcga	712
312	<210>	SEQ ID NO: 16					
313	<211>	LENGTH: 652					
314	<212>	TYPE: DNA					
315	<213>	ORGANISM: Homo sapiens					
317	<400>	SEQUENCE: 16					
318	gaattcggca	cgagcaacag	tggggcactc	tgtctccagg	caggtccccc	tgggtctgagc	60
319	cgaacagcct	ggctttgggc	ttccctgaat	gcaccaccca	catcacctgc	ctctagccct	120
320	taaatatcaaa	aactcccccc	agtcactggc	cgccaggctg	agttggggga	tggtttacat	180
321	ccctgggtcc	actggggggc	atgtgttgcc	atgtgtgttg	tgctggctct	ggcgaagggc	240
322	gttggagttg	ctgtgtgggg	cggtgagcgc	cgccccagcc	tgatggaaac	cactgtacca	300
323	ggccagggcc	tcagcctctg	agaaggactt	ccctgtgtca	ctcactcata	catgtectca	360

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/776,724

DATE: 02/28/2001  
TIME: 15:50:51

Input Set : A:\P2011\_SeqList.txt

Output Set : N:\CRF3\02282001\1776724.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application Number  
 L:21 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:24 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:26 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:27 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:29 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:30 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:32 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:33 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:35 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:36 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:38 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:39 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:41 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:42 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:45 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:47 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:48 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:50 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:51 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:54 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:56 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:57 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:59 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:60 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:62 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:63 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:65 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:66 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:68 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:69 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:71 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:72 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:74 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:75 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:77 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:78 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:80 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER  
 L:81 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
 L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
 L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19  
 L:399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
 L:420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
 L:489 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
 L:545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
 L:566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
 L:660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/776,724

DATE: 02/28/2001  
TIME: 15:50:51

Input Set : A:\PZ011\_SeqList.txt  
Output Set: N:\CRF3\02282001\I776724.raw

L:662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:809 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33  
L:850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34  
L:851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34  
L:877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35  
L:906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36  
L:948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39  
L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40  
L:1087 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42  
L:1089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42  
L:1090 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42  
L:1113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:1133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44  
L:1189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45  
L:1208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46  
L:1233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47  
L:1251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47  
L:1375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:1423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53  
L:1449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
L:1515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56  
L:1516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56  
L:1517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56  
L:1541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57  
L:1645 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
L:1724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:1802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67  
L:1812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67  
L:1813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67  
L:1861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68  
L:1887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69  
L:1984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73  
L:2139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:2141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:2142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:2173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:2251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:2271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:2379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87  
L:4574 M:112 C: (48) String data converted to lower case,  
M:112 Repeated in SeqNo=191